



07/02/04

(FW)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

Paul Wyar

Serial No.: 10/663,019

Filed: September 16, 2003

Art Unit: 2858

Examiner: Unknown

Atty. Docket No.: 500582.20053

Customer No.: 026148

SYSTEM AND METHOD FOR
PROVIDING A TIME VARYING GAIN
TDR TO DISPLAY ABNORMALITIES
OF A COMMUNICATION CABLE OR
THE LIKE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98. Enclosed is Form PTO-1449 which lists each of the references along with a copy of each of the references. Also enclosed is a copy of the International Search Report for Application No. PCT/US03/29433 which corresponds to the subject US Application.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this paper (along with any document referred to as being attached or enclosed) is being

EXPRESS MAIL NO. EV 398 728 920 US

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☒ deposited with the United States Postal Service as Express Mail under 37 CFR 1.10 on July 1, 2004 and is addressed to the: Commissioner for Patents, Alexandria, VA 22313.

☐ transmitted by facsimile on [date] to the U.S. Patent and Trademark Office.

Ruth Montalvo

Type Signature Name

(Signature of person mailing paper or fee)

(Signature of person mailing paper or fee)

1. ☒ Enclosed is PTO Form 1449 (and a duplicate thereof).
2. ☐ The items listed on the enclosed Form PTO-1449 is in the English language.

- ☐ For each of the following items, an English-language translation of that item or a portion thereof or a concise explanation of the relevance of that item is attached:
- ☐ For each of the following items, a concise explanation of that item is incorporated in the specification of the above-identified applications:
- ☐ For each of the following items, a corresponding U.S. or other English-language patent is enclosed. Please consider the U.S. or other English-language patents in accordance with the procedure set forth in MPEP § 609:

3. ☐ Submission in Accordance with 37 CFR § 1.98(d).

Any copy of the items listed on the enclosed Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in Application Serial No. [Ser. No.], filed [Date], of which the present application relies upon for an earlier filing date under 35 U.S.C. 120.

4. ☒ Submission in Accordance with 37 CFR § 1.97(b).

This Information Disclosure Statement is being filed

- ☐ With the application;
- ☐ Within three months of the filing date of a national application;
- ☐ Within three months of the date of entry of the national stage in an international application; or
- ☒ Before the mailing date of a first Office Action on the merits,

and NO FEE is due for consideration of this Information Disclosure Statement.

5. ☐ Submission in Accordance with 37 CFR 1.97(c).

This Information Disclosure Statement is being filed before the first mailing date of either

- ☐ A final action under § 1.113; or
- ☐ A notice of allowance under § 1.311.
- ☐ A fee is due for consideration of this Information Disclosure Statement and the fee is paid below; or
- ☐ This Information Disclosure Statement is accompanied by one of the certifications pursuant to 37 CFR § 1.97(e), and NO FEE is due for consideration of this Information Disclosure Statement.

6. ☐ Submission in Accordance with 37 CFR 1.97(d).

This Information Disclosure Statement is being filed after the mailing date of either

- ☐ A final action under § 1.113; or
 - ☐ A notice of allowance under § 1.311,
- whichever comes first, but before payment of the issue fee, and is accompanied by

- a. One of the certifications pursuant to 37 CFR § 1.97(e), which is set forth below;
- b. The attached petition requesting consideration of this Information Disclosure Statement; and
- c. The petition fee under 37 CFR § 1.17(i)(1), which is paid below.

7. Certification Pursuant to 37 CFR 1.97(e).

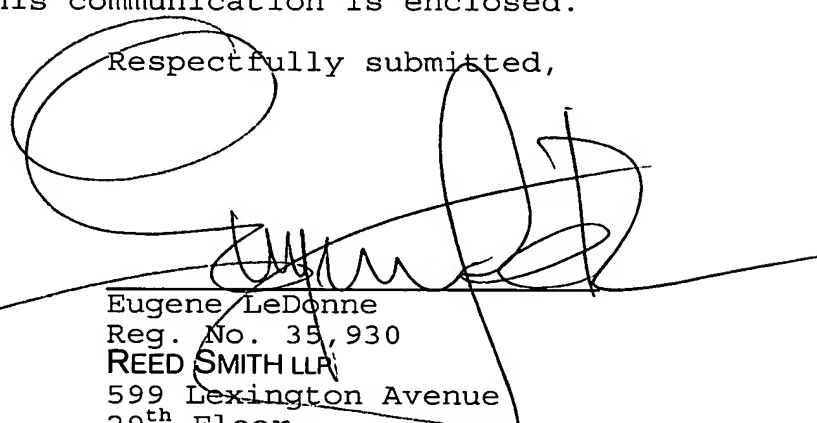
- ☐ The undersigned certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ The undersigned certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, or to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three

months prior to the filing of this Information
Disclosure Statement.

8. Fee Payment Being Made.

- ☐ Enclosed
- ☐ \$180.00 fee for submission under 37 CFR §
1.97(c).
- ☐ \$180.00 fee for submission under 37 CFR §
1.97(d).
- ☐ A check in the amount of \$[Amount] to cover the fee
payment is enclosed.
- ☐ Charge the fee to Deposit Account No. 50-1529. A
duplicate copy of this communication is attached.
- ☒ The Director is hereby authorized to charge payment
of any additional fees associated with this
Information Disclosure Statement or credit any
overpayment to Deposit Account No. 50-1529. A
duplicate copy of this communication is enclosed.

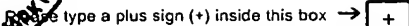
Respectfully submitted,



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Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313.**



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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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